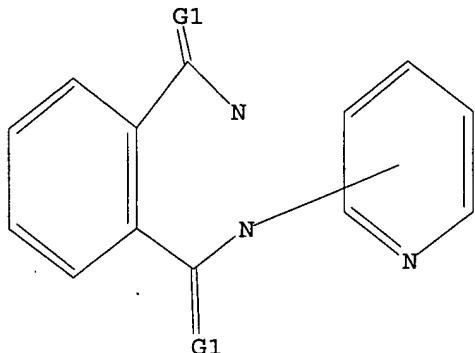


=>
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L1 STRUCTURE UPLOADED

=> d 11
L1 HAS NO ANSWERS
L1 STR



G1 O, S

Structure attributes must be viewed using STN Express query preparation.

=> s 11
SAMPLE SEARCH INITIATED 17:04:12 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 191 TO ITERATE

100.0% PROCESSED 191 ITERATIONS 18 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2991 TO 4649
PROJECTED ANSWERS: 106 TO 614

L2 18 SEA SSS SAM L1

=> log y
COST IN U.S. DOLLARS SINCE FILE TOTAL
FULL ESTIMATED COST ENTRY SESSION
0.40 0.61

STN INTERNATIONAL LOGOFF AT 17:04:17 ON 04 SEP 2003

26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 4 Sep 2003 VOL 139 ISS 10
FILE LAST UPDATED: 3 Sep 2003 (20030903/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

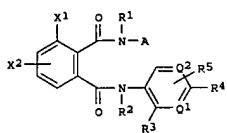
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L4 13 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 2002:906129 CAPLUS
 DOCUMENT NUMBER: 137:384658
 TITLE: Preparation of phthalamide derivatives as insecticide
 INVENTOR(S): Goto, Makoto; Shimizu, Toshiaki; Tohnichi, Masanori;
 Seo, Akira; Morimoto, Masaaki; Fujioka, Shinsuke
 PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan
 SOURCE: PCT Int. Appl. 55 pp.
 CODEN: PIXXDA
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

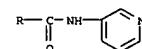
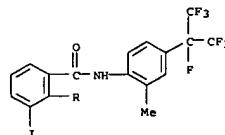
PATENT NO. KIND DATE APPLICATION NO. DATE
 WO 2002094766 A1 20021128 WO 2002-JP4744 20020516
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, KE, KG, KR, KZ, LC, LK, LR, LS, LT,
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT,
 RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG,
 US, UZ, VN, YU
 ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CP, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG
 JP 2003034672 A2 20030207 JP 2002-144976 20020520
 PRIORITY APPLN. INFO.: JP 2001-149407 A 20010518
 OTHER SOURCE(S): MARPAT 137:384658
 GI



AB Title compds. I (wherein R1 and R2 may be the same or different and each represents hydrogen, C1-6 alkyl, etc.; R3 represents halogeno, cyano, etc.; R4 represents halogeno, C1-6 haloalkyl, etc.; R5 represents hydrogen, halogeno, etc.; Q1 and Q2 may be the same or different and each represents carbon or nitrogen; X1 represents halogeno, nitro, etc. and X2 represents hydrogen, halogeno, etc., provided that X1 and X2 in combination may form a fused ring; and A represents Ph, pyridyl, etc.), useful as insecticides, are prep'd. Thus, reaction of N2-(4-(methylthio)phenyl)-3-iodo-N1-(2-methyl-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl)phthalimide with m-chloroperbenzoic acid in CHCl3 gave 87% N2-(4-(methylsulfinyl)phenyl)-3-iodo-N1-(2-methyl-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl)phthalimide (II).

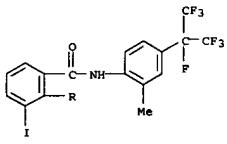
II

L4 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 showed insecticidal activity against *Plutella xylostella* at 50 ppm.
 IT 476311-50-9 476311-51-0 476311-52-1P
 476311-53-2P 476311-54-3P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);
 USES (Uses)
 (prepn. of phthalimide derivs., as insecticides)
 RN 476311-50-9 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-iodo-N1-(2-methyl-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl)-N2-3-pyridinyl- (9CI) (CA INDEX NAME)

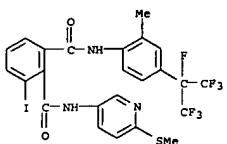


RN 476311-51-0 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-(2,6-dichloro-3-pyridinyl)-3-iodo-N1-(2-methyl-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

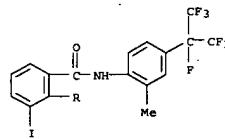


RN 476311-52-1 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-iodo-N1-(2-methyl-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl)-N2-[6-(methylthio)-3-pyridinyl- (9CI) (CA INDEX NAME)

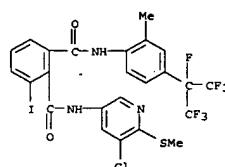


RN 476311-53-2 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(2-methyl-6-(methylthio)-3-pyridinyl)-N1-(2-methyl-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 476311-54-3 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-(5-chloro-6-(methylthio)-3-pyridinyl)-3-iodo-N1-(2-methyl-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl)- (9CI) (CA INDEX NAME)

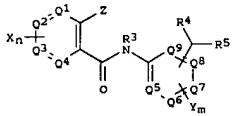


REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 2002:906127 CAPLUS
 DOCUMENT NUMBER: 137:384657
 TITLE: Preparation of aromatic amides as agrohorticultural insecticides
 INVENTOR(S): Goto, Makoto; Yamaguchi, Minoru; Harayama, Hiroto;
 Nakao, Hayami; Furuya, Takeshi; Tohnishi, Masanori;
 Morimoto, Masayuki; Fujioke, Shinsuke
 PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan
 SOURCE: PCT Int. Appl., 83 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

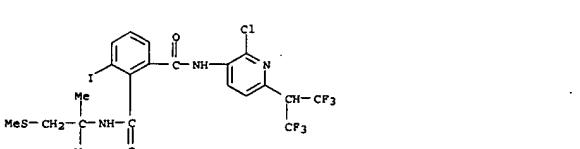
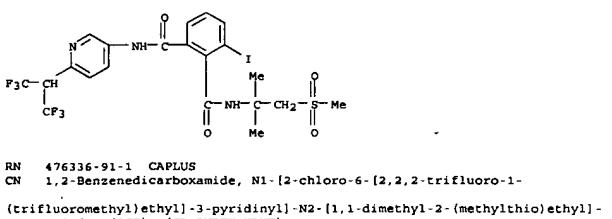
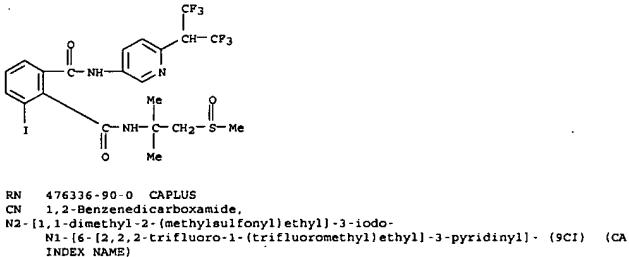
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002094765	A2	20021128	WO 2002-JPA742	20020516
WO 2002094765	A3	20030530		
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JP 2003034673	A2	20030207	JP 2002-144977	20020520
PRIORITY APPLN. INFO.: JP 2001-149365 A 20010518				
OTHER SOURCE(S): MARPAT 137:384657				

GI



AB Title compds. [I; Z = CON(R2)Ar1, (substituted) dihydroisoxazolyl; A = (substituted) alkylene, alkenylene, etc.; R1 = H, halo, cyano, NO2, cycloalkyl, alkoxy carbonyl, (substituted) Ph, heterocyclic, etc.; R2 = H, alkyl, alkoxy alkyl, alkylthio alkyl; R3 = H, alkyl, alkoxy alkyl, alkylthio alkyl; R4 = H, F, fluoro alkyl; R5 = F, fluoro alkyl; X = halo, NO2, cyano, alkyl, halo alkyl, etc.; Y = halo, (substituted) Ph, PhO, etc. etc.; Q1-Q9 = C, N; m = 0-3; n = 0-2], were prep'd. N-(1,1-dimethyl-2-

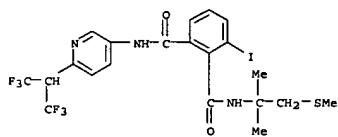
L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 476336-92-2 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

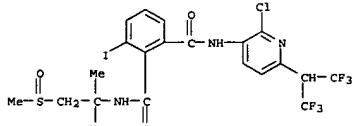
L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 2-methyl-4-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]benzylamine (prepn. given), and CF3CO2H were stirred 2 h in THF to give
 N2-[1,1-dimethyl-2-(methylthioethyl)-3-iodo-N1-(2-methyl-4-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]benzyl)phenylphthalimide. Numerous 1 at 50 ppm gave 100% kill of *Plutella xylostella* and *Spodoptera littoralis*.
 IT 476336-88-6P 476336-89-7P 476336-90-0P
 476336-92-2P 476336-93-3P
 476336-94-4P 476336-95-5P 476336-96-6P
 476336-97-7P 476336-98-8P 476336-99-9P
 476337-00-5P 476337-01-6P 476337-02-7P
 476337-03-8P 476337-04-9P 476337-05-0P
 476337-06-1P 476337-07-2P 476337-08-3P
 476337-09-4P 476337-10-5P 476337-11-6P
 476337-12-9P 476337-13-0P 476337-14-1P
 476337-15-2P 476337-16-3P 476337-17-4P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);
 USES (Uses)
 (prepn. of arom. amides as agrohorticultural insecticides)

RN 476336-88-6 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N2-[1,1-dimethyl-2-(methylthioethyl)-3-iodo-N1-[6-(2,2,2-trifluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]- (9CI) (CA INDEX NAME)

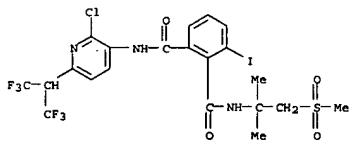


RN 476336-89-7 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-N1-[6-(2,2,2-trifluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]- (9CI) (CA INDEX NAME)

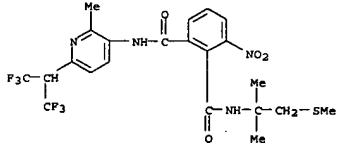
L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 476336-93-3 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo- (9CI) (CA INDEX NAME)



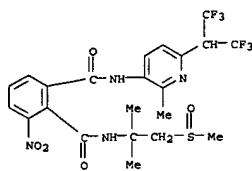
RN 476336-94-4 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthioethyl)-3-iodo-N1-[6-(2,2,2-trifluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-3-nitro- (9CI) (CA INDEX NAME)



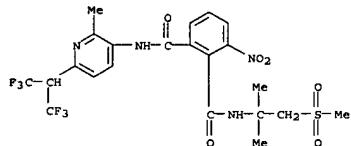
RN 476336-95-5 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-3-nitro- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

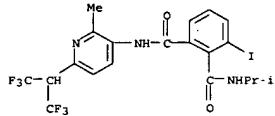
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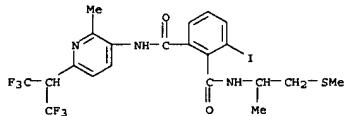
RN 476336-96-6 CAPLUS

CN 1,2-Benzenedicarboxamide,
N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-3-nitro-
(9CI) (CA INDEX NAME)

RN 476336-97-7 CAPLUS

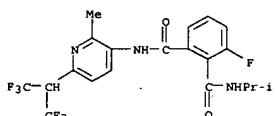
CN 1,2-Benzenedicarboxamide,
3-iodo-N2-(1-methylethyl)-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

RN 476336-98-8 CAPLUS

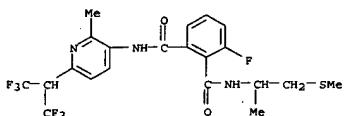
CN 1,2-Benzenedicarboxamide,
N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-
(9CI)L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
methy1-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

RN 476337-02-7 CAPLUS

CN 1,2-Benzenedicarboxamide, 3-fluoro-N2-(1-methylethyl)-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 476337-03-8 CAPLUS

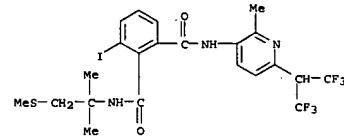
CN 1,2-Benzenedicarboxamide,
3-fluoro-N2-(1-methyl-2-(methylthio)ethyl)-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

RN 476337-04-9 CAPLUS

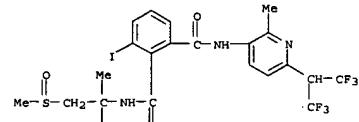
CN 1,2-Benzenedicarboxamide,
3-bromo-N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-
(9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

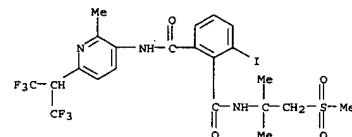
(CA INDEX NAME)



RN 476336-99-9 CAPLUS

CN 1,2-Benzenedicarboxamide,
N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-
(9CI) (CA INDEX NAME)

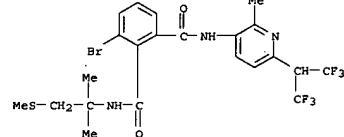
RN 476337-00-5 CAPLUS

CN 1,2-Benzenedicarboxamide,
N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-
(9CI) (CA INDEX NAME)

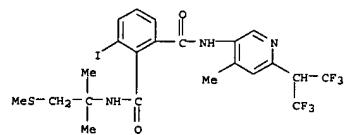
RN 476337-01-6 CAPLUS

CN 1,2-Benzenedicarboxamide, 3-iodo-N2-[1-methyl-2-(methylthio)ethyl]-N1-[2-

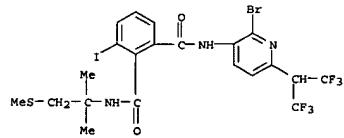
L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 476337-05-0 CAPLUS

CN 1,2-Benzenedicarboxamide,
N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[4-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-
(9CI) (CA INDEX NAME)

RN 476337-06-1 CAPLUS

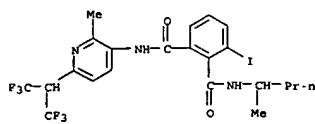
CN 1,2-Benzenedicarboxamide, N1-[2-bromo-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-
(9CI) (CA INDEX NAME)

RN 476337-07-2 CAPLUS

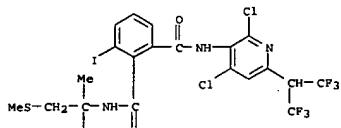
CN 1,2-Benzenedicarboxamide,
3-iodo-N2-(1-methylbutyl)-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

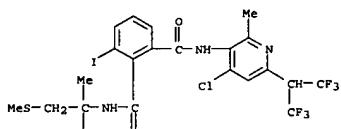
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RN 476337-08-3 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2,4-dichloro-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

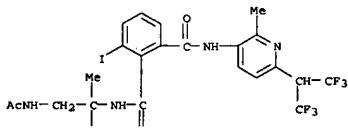


RN 476337-09-4 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[4-chloro-2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)



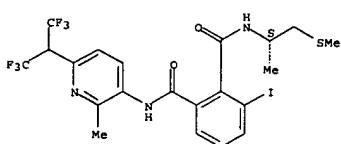
RN 476337-10-7 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 3-iodo-N2-[2-methoxy-1-methylethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



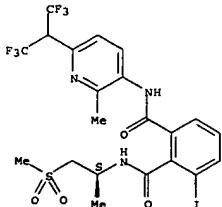
RN 476337-14-1 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 3-iodo-N2-[((1S)-1-methyl-2-(methylthio)ethyl)-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 476337-15-2 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-[(1S)-1-methyl-2-(methylsulfonyl)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

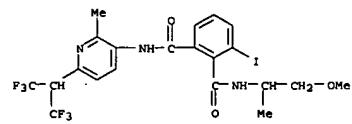
Absolute stereochemistry.



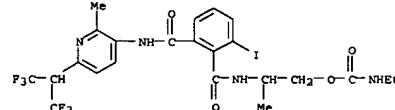
RN 476337-16-3 CAPLUS

Habte

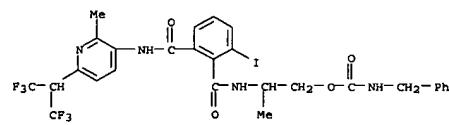
L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 476337-11-8 CAPLUS
 CN Carbamic acid, ethyl-, 2-[(2-iodo-6-[[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]amino]carbonyl)benzoyl]amino)propyl ester (9CI) (CA INDEX NAME)

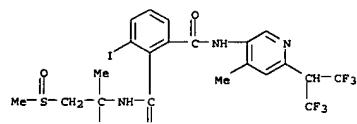


RN 476337-12-9 CAPLUS
 CN Carbamic acid, (phenylmethyl)-, 2-[(2-iodo-6-[[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]amino]carbonyl)benzoyl]amino)propyl ester (9CI) (CA INDEX NAME)

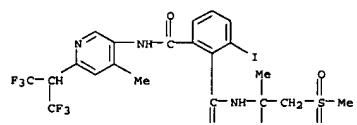


RN 476337-13-0 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N2-[2-(acetylamino)-1,1-dimethyl-ethyl]-3-iodo-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



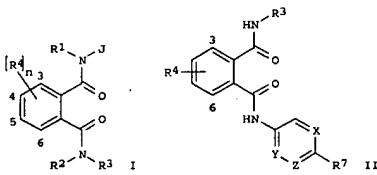
RN 476337-17-4 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-N1-[4-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 2002:465997 CAPLUS
 DOCUMENT NUMBER: 137:47194
 TITLE: Preparation of substituted heterocyclic phthalic acid diamide arthropodicides
 INVENTOR(S): Lehm, George Philip; Selby, Thomas Paul
 PATENT ASSIGNEE(S): E. I. Du Pont de Nemours and Company, USA
 SOURCE: PCT Int. Appl., 225 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002048137	A2	20020620	WO 2001-US47572	20011205
WO 2002048137	A3	20030605		
			W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZN, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BP, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG	
AU 2002028938	A5	20020624	AU 2002-28938	20011205
PRIORITY APPLN. INFO.:			US 2000-254636P	P 20001211
			US 2001-324012P	P 20010921
			WO 2001-US47572	W 20011205

OTHER SOURCE(S): MARPAT 137:47194
 GI



AB The title compds. [I; J = (un)substituted pyrazolyl, pyridyl, pyrimidyl, etc.; R1 = H, alkyl, alkoxy carbonyl, alkyl carbonyl; R2 = H, alkyl; R3 = H, alkyl, alkenyl, etc.; one R4 is attached to the Ph ring at the 3-position

L4 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 trfluoroethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

RN 437711-14-3 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-methyl-N1-(1-methylethyl)-N2-[6-(2,2,2-trifluoroethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

RN 437711-14-3 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-methyl-N1-(1-methylethyl)-N2-[6-(2,2,2-trifluoroethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001082421	A1	20011108	WO 2001-JP3707	20010427
			W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BP, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG	
AU 2001052638	A5	20011112	AU 2001-52638	20010427
EP 1277726	A1	20030122	EP 2001-926032	20010427
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2002338516	A2	20021127	JP 2001-134049	20010501
PRIORITY APPLN. INFO.:			JP 2000-131032	A 20000428
			JP 2001-76073	A 20010316
			NO 2001-JP3707	W 20010427

L4 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 or 6-position, and said R4 = alkyl, haloalkyl, halo, etc.; an optional second R4 = H, alkyl, cycloalkyl, etc.; n = 1-2, useful for controlling invertebrate pests, were prep'd. E.g., a multi-step synthesis of 3-iodo-II
 [R3 = iso-Pr; R4 = 3-I; R7 = OCH2CF3; X = CH; Y = CH; Z = N] and 6-iodo-II
 [R3 = iso-Pr; R4 = 6-I; R7 = OCH2CF3; X = CH; Y = CH; Z = N], was given. Both compds. 3-iodo-II and 6-iodo-II, were evaluated for control of diamondback moth in a container with radish plant, and both provided excellent levels of plant protection (10% or less feeding damage). Also disclosed are compns. for controlling an invertebrate pest comprising a biol. effective amt. of a compd. I and methods for controlling an invertebrate pest comprising contacting the invertebrate pest or its environment with a biol. effective amt. of a compd. I (e.g., as a compn. described herein).

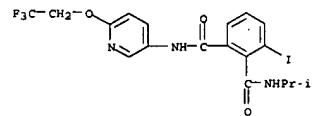
IT 437711-11-0P 437711-12-1P 437711-13-2P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prep'n of substituted heterocyclic phthalic acid diamide arthropodicides)

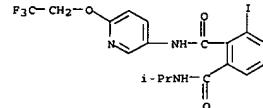
RN 437711-11-0 CAPLUS

CN 1,2-Benzenedicarboxamide, 3-iodo-N1-(1-methylethyl)-N2-[6-(2,2,2-trifluoroethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 437711-12-1 CAPLUS

CN 1,2-Benzenedicarboxamide, 3-iodo-N1-(1-methylethyl)-N2-[6-(2,2,2-trifluoroethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 437711-13-2 CAPLUS

CN 1,2-Benzenedicarboxamide, 3-methyl-N1-(1-methylethyl)-N2-[6-(2,2,2-trifluoroethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

ACCESSION NUMBER: 2001:816609 CAPLUS

DOCUMENT NUMBER: 135-344284

TITLE: Process for the preparation of 2-halobenzoic acids by palladium-catalyzed regioselective halogenation of benzoic acids

INVENTOR(S): Kodama, Hiroki; Katuzhira, Takeshi; Nishida, Tateki; Hino, Tomokazu; Taubata, Kenji

PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan

SOURCE: PCT Int. Appl., 29 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

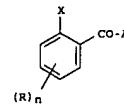
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001082421	A1	20011108	WO 2001-JP3707	20010427
			W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BP, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG	
AU 2001052638	A5	20011112	AU 2001-52638	20010427
EP 1277726	A1	20030122	EP 2001-926032	20010427
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2002338516	A2	20021127	JP 2001-134049	20010501
PRIORITY APPLN. INFO.:			JP 2000-131032	A 20000428
			JP 2001-76073	A 20010316
			NO 2001-JP3707	W 20010427

OTHER SOURCE(S): CASREACT 135:344284; MARPAT 135:344284

GI



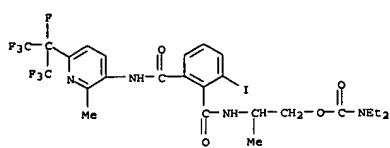
AB A process for the prepn. of 2-halobenzoic acids of the general formula

[I; A is OH, OM (wherein M is an alkali metal), or NR6R7 (wherein R6 and R7 are each H, Cl-6 alkyl, optionally substituted Ph, or the like); R is H, Cl-6 alkyl, Cl-6 alkylcarbonyl, carboxyl, Cl-12 alkoxycarbonyl, substituted phenylcarbonyl, or the like; n is 0 to 4; and X is Cl, Br, or Iodo, or alternatively nR's may be present on benzene-constituting carbon

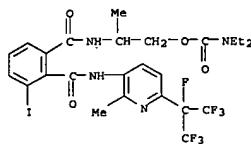
9/04/2003

L4 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

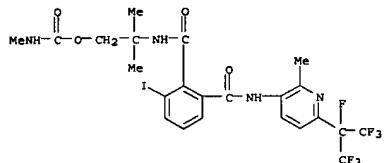
(Continued)



RN 346575-53-9 CAPLUS
 CN Carboxamic acid, diethyl-, 2-[(3-iodo-2-[(2-methyl-6-[(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl)amino]carbonyl)benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)

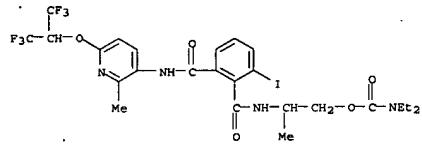


RN 346575-54-0 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[(1,1-dimethyl-2-[(methylamino)carbonyloxy]ethyl)-3-iodo-N1-[(2-methyl-6-[(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl)- (9CI) (CA INDEX NAME)

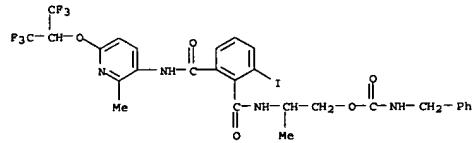


RN 346575-55-1 CAPLUS

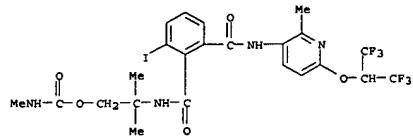
L4 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 346575-59-5 CAPLUS
 CN Carboxamic acid, (phenylmethyl)-, 2-[(2-iodo-6-[(2-methyl-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl)amino]carbonyl)benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)

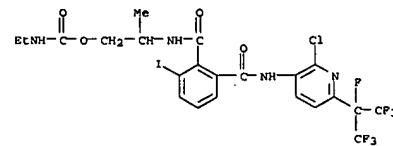


RN 346575-60-8 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[(1,1-dimethyl-2-[(methylamino)carbonyloxy]ethyl)-3-iodo-N1-[(2-methyl-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl)- (9CI) (CA INDEX NAME)

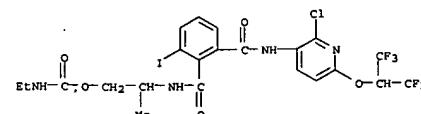


RN 346575-61-9 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[(1,1-dimethyl-2-[(methylamino)carbonyloxy]ethyl)-3-iodo-N2-[(2-methyl-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl)- (9CI) (CA INDEX NAME)

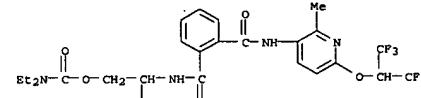
L4 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 CN Carboxamic acid, ethyl-, 2-[(2-[(2-chloro-6-[(2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl)amino]carbonyl)-6-iodobenzoyl]amino]propyl ester (9CI) (CA INDEX NAME)



RN 346575-56-2 CAPLUS
 CN Carboxamic acid, ethyl-, 2-[(2-[(2-chloro-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl)amino]carbonyl)-6-iodobenzoyl]amino]propyl ester (9CI) (CA INDEX NAME)

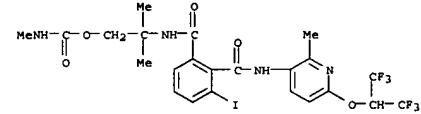


RN 346575-57-3 CAPLUS
 CN Carboxamic acid, diethyl-, 2-[(2-[(2-methyl-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl)amino]carbonyl)benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)

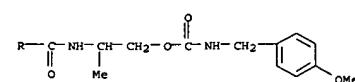
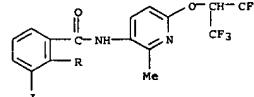


RN 346575-58-4 CAPLUS
 CN Carboxamic acid, diethyl-, 2-[(2-iodo-6-[(2-methyl-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl)amino]carbonyl)benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)

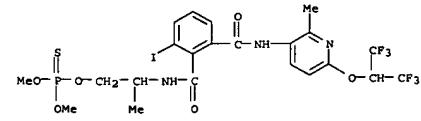
L4 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 346575-62-0 CAPLUS
 CN Carboxamic acid, [(4-methoxyphenyl)methyl]-, 2-[(2-iodo-6-[(2-methyl-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl)amino]carbonyl)benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)



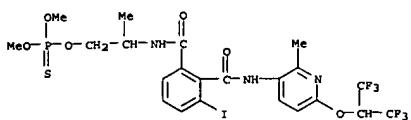
RN 346575-63-1 CAPLUS
 CN Phosphorothioic acid, O-[2-[(2-iodo-6-[(2-methyl-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl)amino]carbonyl)benzoyl]amino]propyl O,O-dimethyl ester (9CI) (CA INDEX NAME)



RN 346575-64-2 CAPLUS
 CN Phosphorothioic acid, O-[2-[(3-iodo-2-[(2-methyl-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl)amino]carbonyl)benzoyl]amino]propyl O,O-dimethyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

(Continued)



REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:228847 CAPLUS

DOCUMENT NUMBER: 134:252360

TITLE: Preparation and effect of aromatic diamide derivatives

INVENTOR(S):

or salts as agricultural/horticultural insecticides
Tohnishi, Masanori; Nakao, Hayami; Kohno, Eiji;

Nishida, Tatsuki; Furuya, Takashi; Shimizu, Toshiaki;

Seo, Akira; Sakata, Kazuyuki; Fujioke, Shinobu;

Kanno, Hideo

PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan

SOURCE: PCT Int. Appl., 86 pp.

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

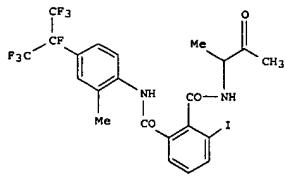
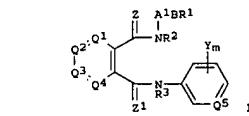
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001021576	A1	20010329	WO 2000-JP6514	20000922
W: AE, AG, AL, AM, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KR, KZ, LC, LK, LU, LS, LT, LV, MA, MD, MG, MK, MN, MM, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZN, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BE, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1215200	A1	20020619	EP 2000-961197	20000922
R: AT, BE, CH, DB, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, PI, RO, MK, CY, AL				
BR 2000014139	A	20020820	BR 2000-14139	20000922
JP 2001150764	A2	20010612	JP 2000-290844	20000925
PRIORITY APPLN. INFO.: JP 1999-270582 A 19990924				
			WO 2000-JP6514	W 20000922

OTHER SOURCE(S): MARPAT 134:252360

GI

L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

(Continued)



AB Title compd. I; wherein A1 represents alkylene, alkenylene or alkynylene; B represents, CO, or CH(-N); R1 to R3 represent each H, CH₃, CH₂CH₃, OCH₂Ph, NHCO, NHR, OMe, etc.; Q1-Q5 independently = CX, CH, N; X = 3-F, 3-Cl, 3-Br, 6-1, 6-1', 3-CF₃, 3-OCF₃, 3-NO₂; Y represents halogeno, etc.; m is from 0 to 5; Z = O, S, Z' = O, S, S' or salts thereof and agricultural/horticultural chems. contg. the same as the active ingredient.

are prep'd. as insecticides. Thus, the title compd. II was prep'd. and tested.

IT 331685-76-8P 331685-77-9P 331685-78-0P
331685-79-1P 331685-80-4P 331685-81-5P
331685-82-6P 331685-83-7P 331685-84-8P
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331685-94-0P 331685-95-1P

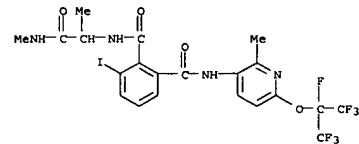
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. and effect of arom. diamide derivs. or salts as agricultural/horticultural insecticides)

RN 331685-76-8 CAPLUS

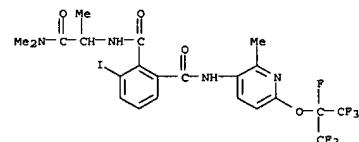
CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methyl-2-(methylamino)-2-oxoethyl)-N1-[2-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

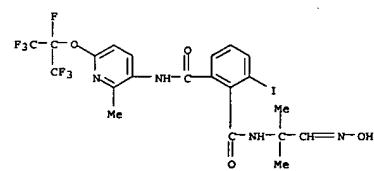
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RN 331685-77-9 CAPLUS
CN 1,2-Benzenedicarboxamide, N2-[2-(dimethylamino)-1-methyl-2-oxoethyl]-3-iodo-N1-[2-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



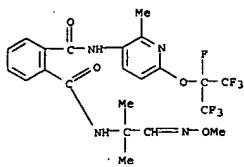
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CN 1,2-Benzenedicarboxamide, N2-[2-(hydroxyimino)-1,1-dimethyl-2-oxoethyl]-3-iodo-N1-[2-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



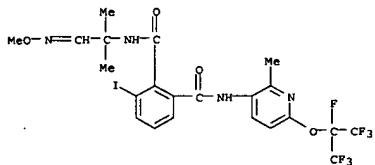
RN 331685-79-1 CAPLUS
CN 1,2-Benzenedicarboxamide, N-[2-(methoxyimino)-1,1-dimethyl-2-oxoethyl]-N'-(2-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

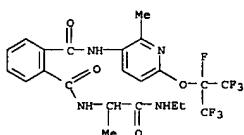
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RN 331685-80-4 CAPLUS
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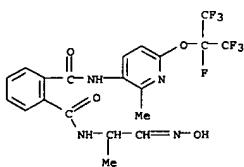


RN 331685-81-5 CAPLUS
 CN 1,2-Benzenedicarboxamide, N-[2-(ethylamino)-1-methyl-2-oxoethyl]-N'-[2-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

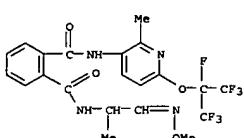


RN 331685-82-6 CAPLUS
 CN 1,2-Benzenedicarboxamide, N-[2-(diethylamino)-1-methyl-2-oxoethyl]-N'-[2-(2-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl] (9CI) (CA INDEX NAME)

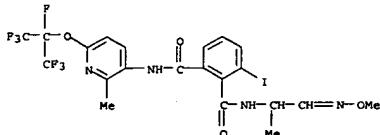
L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 331685-85-9 CAPLUS
 CN 1,2-Benzenedicarboxamide, N-[2-(methoxyimino)-1-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]-N1-[2-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

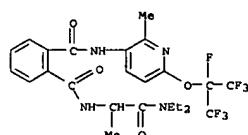


RN 331685-86-0 CAPLUS
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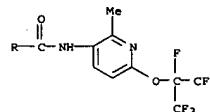


RN 331685-87-1 CAPLUS
 CN 1,2-Benzenedicarboxamide, N-[2-(ethoxyimino)-1-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]-N1-[2-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

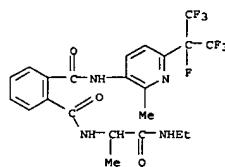


RN 331685-88-2 CAPLUS
 CN 1,2-Benzenedicarboxamide, N-[2-(diethylamino)-1-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]-N1-[2-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

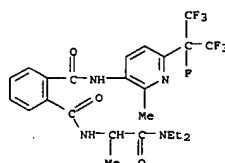


RN 331685-88-3 CAPLUS
 CN 1,2-Benzenedicarboxamide, N-[2-(hydroxyimino)-1,1-dimethylethyl]-N'-[2-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]-N1-[2-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

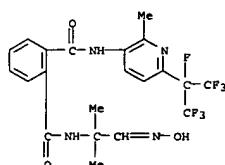
L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



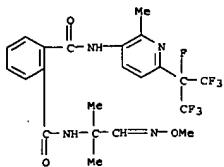
RN 331685-89-4 CAPLUS
 CN 1,2-Benzenedicarboxamide, N-[2-(ethoxyimino)-1-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]-N1-[2-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



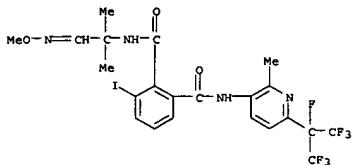
RN 331685-89-5 CAPLUS
 CN 1,2-Benzenedicarboxamide, N-[2-(ethoxyimino)-1-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]-N1-[2-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



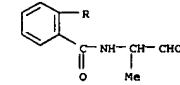
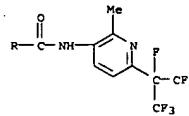
RN 331685-90-6 CAPLUS
 CN 1,2-Benzenedicarboxamide, N-[2-(methoxyimino)-1,1-dimethylethyl]-N1-[2-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]-N1-[2-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



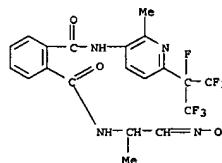
RN 331685-91-7 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-[2-(methoxyimino)-1,1-dimethylethyl]-N1-(2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl)-(9CI) (CA INDEX NAME)



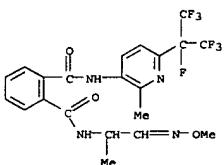
RN 331685-92-8 CAPLUS
 CN 1,2-Benzenedicarboxamide, N-(1-methyl-2-oxoethyl)-N'-(2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl)-(9CI) (CA INDEX NAME)



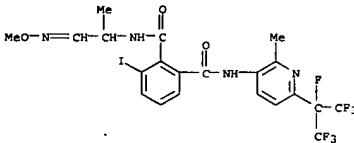
RN 331685-93-9 CAPLUS
 CN 1,2-Benzenedicarboxamide, N-(2-(hydroxyimino)-1-methylethyl)-N'-(2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl)-(9CI) (CA INDEX NAME)



RN 331685-94-0 CAPLUS
 CN 1,2-Benzenedicarboxamide, N-[2-(methoxyimino)-1-methylethyl]-N'-(2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl)-(9CI) (CA INDEX NAME)



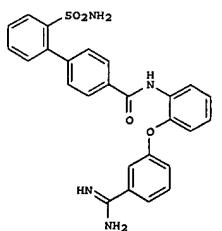
RN 331685-95-1 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-[2-(methoxyimino)-1-methylethyl]-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl)-(9CI) (CA INDEX NAME)



REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 2001-208239 CAPLUS
 DOCUMENT NUMBER: 134-252153
 TITLE: Preparation of benzamides as inhibitors of factor Xa
 INVENTOR(S): Zhu, Bing-yan; Zhang, Pengjie; Wang, Lingyan; Huang, Wentong; Goldman, Eric; Li, Wenhai; Zuckett, Jingmei; Song, Yonghong; Scarborough, Robert
 PATENT ASSIGNEE(S): Coag Therapeutics, Inc., USA
 SOURCE: PCT Int'l Appl., 224 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 6
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001019788	A2	20010322	WO 2000-US25196	20000915
WO 2001019788	A3	20010809		
W: AB, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KB, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MW, MX, MZ, NO, NZ, PL, PT, RU, SD, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, GH, GM, LS, MW, MZ, SD, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1216220	A2	20020626	EP 2000-963452	20000915
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
BR 2000014076	A	20021015	BR 2000-14076	20000915
JP 20030509406	T2	20030311	JP 2001-523368	20000915
NO 2002001229	A	20020521	NO 2002-1229	20020312
PRIORITY APPLN. INFO.:			US 1999-154332P	P 19990917
			US 2000-185746P	P 20000229
			WO 2000-US25196	W 20000915
OTHER SOURCE(S):			MARPAT 134-252153	
GI				



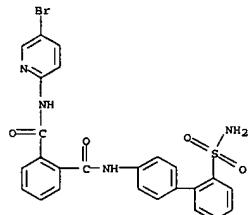
9/04/2003

L4 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

AB The title compds. AODEGJX [A = alkyl, cycloalkyl, (un)substituted Ph, etc.; O = a direct link, CH₂, CO, etc.; D = a direct link, (un)substituted Ph, naphthyl, etc.; E = a direct link, O, alkyl, etc.; G = alkenylene, cycloalkenylene, phenylene, etc.; J = a direct link, O, S, etc.; X = a (un)substituted Ph, naphthyl, heteroaryl, etc.] having activity against mammalian factor Xa (no data), and useful in vitro or in vivo for preventing or treating coagulation disorders, were prep'd. E.g., a 4-step synthesis of the benzamide I was given.

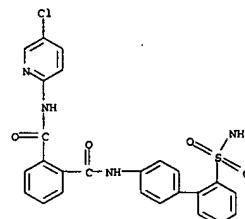
IT 330942-29-5P 330942-30-8P
RL, BC (Biological activity or effector, except adverse); BSU
(Biological); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of benzamides as inhibitors of factor Xa)

RN 330942-29-5 CAPLUS
CN 1,2-Benzenedicarboxamide,
N-[2'-(aminosulfonyl)][1,1'-biphenyl]-4-yl]-N'-(5-bromo-2-pyridinyl)-(9CI) (CA INDEX NAME)



RN 330942-30-8 CAPLUS
CN 1,2-Benzenedicarboxamide,
N-[2'-(aminosulfonyl)][1,1'-biphenyl]-4-yl]-N'-(5-chloro-2-pyridinyl)-(9CI) (CA INDEX NAME)

L4 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 2001:31459 CAPLUS

DOCUMENT NUMBER: 134:86280

TITLE: Preparation of N-heterocyclylphthalimide derivatives, intermediates in the production thereof, and agricultural/horticultural insecticides and method of using the same.

INVENTOR(S): Machiya, Kouzou; Endoh, Kazuyoshi; Furuya, Takashi; Nakao, Hayami; Gotoh, Makoto; Kohno, Eiji; Tohnishi, Hisanori; Sakata, Kazuyuki; Morimoto, Masayuki; Seo, Akira

PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan

SOURCE: PCT Int. Appl. 165 pp.

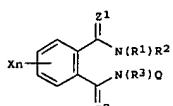
DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 200102354	A1	20010111	WO 2000-JP4444	20000704
W: AB, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, ES, FR, GB, GD, GE, GH, GM, HR, HU, IS, IL, IN, IS, KE, KG, KR, LZ, LC, LR, LS, LT, LU, LV, MD, MG, MK, MN, MM, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TZ, UA, UG, US, UZ, VN, ZA, ZW, AM, AZ, BY, KZ, MD, RU, TJ, TZ, CH, GM, KE, LS, MW, MZ, SD, SI, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IS, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GU, GW, ML, MR, NE, SN, TD, TG	RW: GH, GM, KE, LS, MW, MZ, SD, SI, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IS, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GU, GW, ML, MR, NE, SN, TD, TG			
EP 1193254	A	20020303	EP 2000-942473	20000704
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BR 2000012224	A	20020528	BR 2000-12224	20000704
EG 22172	A	20021031	EG 2000-874	20000704
JP 200135563	A2	20011204	JP 2000-204178	20000705
PRIORITY APPLN. INFO.:				
			JP 1999-190746	A 19990705
			JP 2000-60991	A 20000322
			WO 2000-JP4444	W 20000704

OTHER SOURCE(S): MARPAT 134:86280
GI

AB Heterocyclic amine derivs. represented by general formula I; R₁, R₂, R₃ = H, optionally halogenated C₃-6 cycloalkyl, Al-(Gr) (wherein Al = C₁-8 alkylene, C₃-6 alkenylene, C₃-6 alkynylene; G = H, halo, cyano, NO₂, halo-C₁-6 alkyl, C₃-6 cycloalkyl etc.; r = 1-4); or R₁ and R₂ are linked

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L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
to each other to form a 4- to 7-membered ring optionally interrupted by same or different 1-3 hetero atoms selected from O, S, and N; Q = an optionally substituted heterocycle contg. O, S or N; X = halogen, cyano, halo-C₁-6 alkyl, etc.; n = 1 to 4; Z₁, Z₂ = O, S) and intermediates thereof represented by the following general formula Q'-NH₂ (wherein Q' represents a definite heterocycle selected from among those represented

by Q) are prep'd. The compds. I are useful as agricultural/horticultural insecticides having a remarkable effect of controlling pest insects of crops such as rice, fruit trees and vegetables, as well as various agricultural, forestry, horticultural and stored grain pest insects. Thus, isopropylamine was added to a soln. of N-(4-methyl-3-trifluoromethylisoxazol-5-yl)-3-iodophthalimide (prepn. given) in dioxane and stirred at room temp. for 4 h to give N-(4-methyl-3-trifluoromethylisoxazol-5-yl)-N'-2-isopropyl-3-iodophthalimide, which at 1,000 ppm controlled the hatching of *Plutella xylostella* on cabbage 90-99%.

IT 317811-36-2P 317811-37-3P 317811-38-4P
317811-39-5P 317811-40-6P 317811-41-9P
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9/04/2003

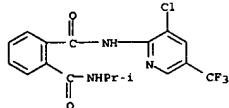
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

(Continued)

317812-69-4P 317812-70-7P 317812-71-8P
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 317812-75-2P 317812-76-3P 317812-77-4P
 317812-78-5P 317812-79-6P 317812-80-9P
 317812-81-0P 317812-82-1P 317812-83-2P
 317812-84-3P 317812-85-4P 317812-86-5P
 317812-87-6P 317812-88-7P 317812-89-8P
 317812-90-1P 317812-91-2P 317812-92-3P
 317812-93-4P 317812-94-5P 317812-95-6P
 317812-96-7P 317812-97-8P 317812-98-9P
 317812-99-0P 317813-00-6P 317813-01-7P
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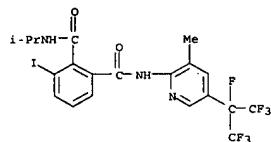
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (ex: prep. of N-heterocyclicphthalimide derivs. as agricultural and horticultural insecticides)

RN 317811-36-2 CAPLUS

CN 1,2-Benzenedicarboxamide,
N-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)

RN 317811-37-3 CAPLUS

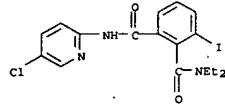
CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methylethyl)-N1-[3-methyl-5-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-2-pyridinyl]- (9CI) (CA INDEX NAME)



RN 317811-38-4 CAPLUS

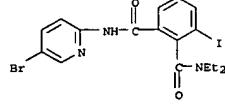
CN 1,2-Benzenedicarboxamide, N2,N2-diethyl-3-iodo-N1-(3-methyl-6-(pentafluoroethyl)-2-pyridinyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



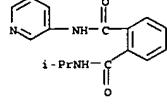
RN 317811-42-0 CAPLUS

CN 1,2-Benzenedicarboxamide, N1-(5-bromo-2-pyridinyl)-N2,N2-diethyl-3-iodo- (9CI) (CA INDEX NAME)

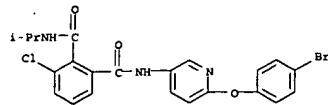


RN 317811-43-1 CAPLUS

CN 1,2-Benzenedicarboxamide, N-(1-methylethyl)-N'-3-pyridinyl- (9CI) (CA INDEX NAME)



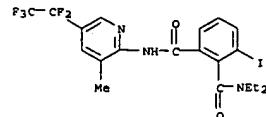
RN 317811-44-2 CAPLUS

CN 1,2-Benzenedicarboxamide,
N1-[6-(4-bromophenoxy)-3-pyridinyl]-3-chloro-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)

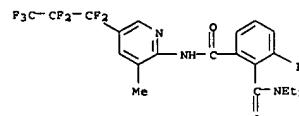
RN 317811-45-3 CAPLUS

CN 1,2-Benzenedicarboxamide, 3-chloro-N1-[6-(2,4-dichlorophenoxy)-3-

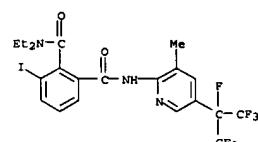
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317811-39-5 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N2,N2-diethyl-N1-[5-(heptafluoropropyl)-3-methyl-2-pyridinyl]-3-iodo- (9CI) (CA INDEX NAME)

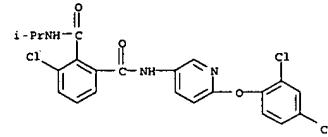


RN 317811-40-8 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2,N2-diethyl-3-iodo-N1-[3-methyl-5-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-2-pyridinyl]- (9CI) (CA INDEX NAME)

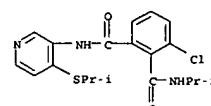


RN 317811-41-9 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-(5-chloro-2-pyridinyl)-N2,N2-diethyl-3-iodo- (9CI) (CA INDEX NAME)

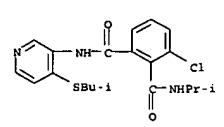
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



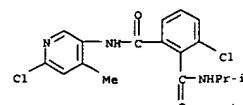
RN 317811-46-4 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-chloro-N2-(1-methylethyl)-N1-[4-[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 317811-47-5 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-chloro-N2-(1-methylethyl)-N1-[4-[(2-methylpropyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)

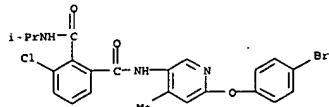


RN 317811-48-6 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-chloro-N1-(6-chloro-4-methyl-3-pyridinyl)-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)

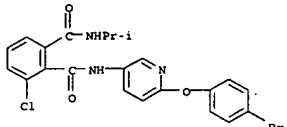


L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

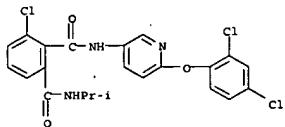
RN 317811-49-7 CAPLUS
CN 1,2-Benzenedicarboxamide, N1-[6-(4-bromophenoxy)-4-methyl-3-pyridinyl]-3-chloro-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 317811-50-0 CAPLUS
CN 1,2-Benzenedicarboxamide, N2-[6-(4-bromophenoxy)-3-pyridinyl]-3-chloro-N1-(1-methylethyl)- (9CI) (CA INDEX NAME)



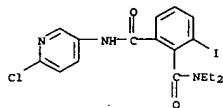
RN 317811-51-1 CAPLUS
CN 1,2-Benzenedicarboxamide, 3-chloro-N2-[6-(2,4-dichlorophenoxy)-3-pyridinyl]-N1-(1-methylethyl)- (9CI) (CA INDEX NAME)



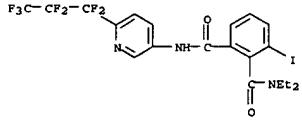
RN 317811-52-2 CAPLUS
CN 1,2-Benzenedicarboxamide, 3-chloro-N1-(1-methylethyl)-N2-[6-[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

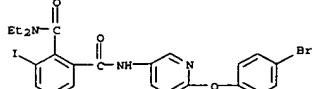
RN 317811-56-6 CAPLUS
CN 1,2-Benzenedicarboxamide, N1-(6-chloro-3-pyridinyl)-N2,N2-diethyl-3-iodo- (9CI) (CA INDEX NAME)



RN 317811-57-7 CAPLUS
CN 1,2-Benzenedicarboxamide, N2,N2-diethyl-N1-[6-(heptafluoropropyl)-3-pyridinyl]-3-iodo- (9CI) (CA INDEX NAME)



RN 317811-58-8 CAPLUS
CN 1,2-Benzenedicarboxamide, N1-[6-(4-bromophenoxy)-3-pyridinyl]-N2,N2-diethyl-3-iodo- (9CI) (CA INDEX NAME)

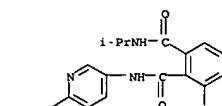


RN 317811-59-9 CAPLUS
CN 1,2-Benzenedicarboxamide, N1-(6-chloro-3-pyridinyl)-3-iodo-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)

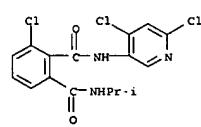
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



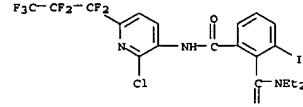
RN 317811-53-3 CAPLUS
CN 1,2-Benzenedicarboxamide, 3-chloro-N1-(1-methylethyl)-N2-[6-[(2-methylpropyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)



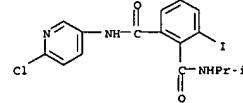
RN 317811-54-4 CAPLUS
CN 1,2-Benzenedicarboxamide, 3-chloro-N2-(4,6-dichloro-3-pyridinyl)-N1-(1-methylethyl)- (9CI) (CA INDEX NAME)



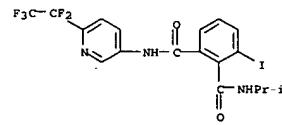
RN 317811-55-5 CAPLUS
CN 1,2-Benzenedicarboxamide, N1-(2-chloro-6-(heptafluoropropyl)-3-pyridinyl)-N2,N2-diethyl-3-iodo- (9CI) (CA INDEX NAME)



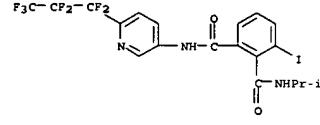
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



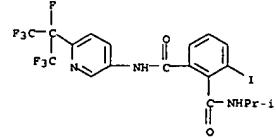
RN 317811-60-2 CAPLUS
CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methylethyl)-N1-[6-(pentafluoroethyl)-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 317811-61-3 CAPLUS
CN 1,2-Benzenedicarboxamide, N1-[6-(heptafluoropropyl)-3-pyridinyl]-3-iodo-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)

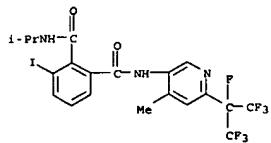


RN 317811-62-4 CAPLUS
CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methylethyl)-N1-[6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]- (9CI) (CA INDEX NAME)

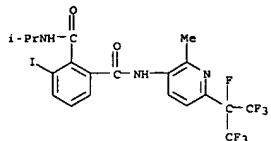


L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

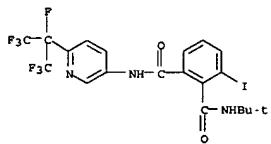
RN 317811-63-5 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methylethyl)-N1-[4-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



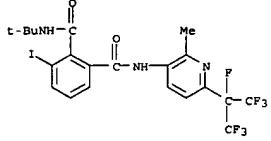
RN 317811-64-6 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methylethyl)-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



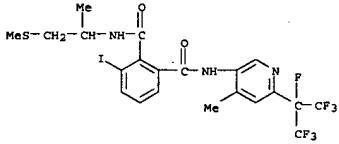
RN 317811-65-7 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-(1,1-dimethylethyl)-3-iodo-N1-[6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



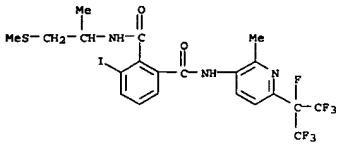
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317811-70-4 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methyl-2-(methylthio)ethyl)-N1-[4-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



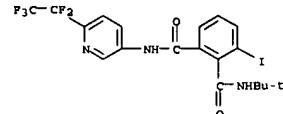
RN 317811-71-5 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methyl-2-(methylthio)ethyl)-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



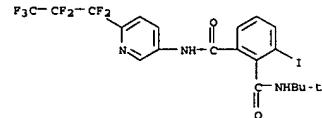
RN 317811-72-6 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[4-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

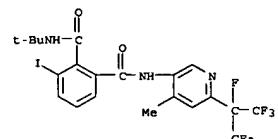
RN 317811-66-8 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-(1,1-dimethylethyl)-3-iodo-N1-[6-[pentafluoroethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 317811-67-9 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-(1,1-dimethylethyl)-N1-[6-(heptafluoropropyl)-3-pyridinyl]-3-iodo- (9CI) (CA INDEX NAME)

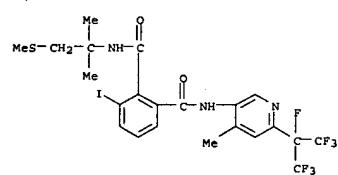


RN 317811-68-0 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-(1,1-dimethylethyl)-3-iodo-N1-[4-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

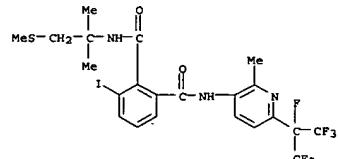


RN 317811-69-1 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-(1,1-dimethylethyl)-3-iodo-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

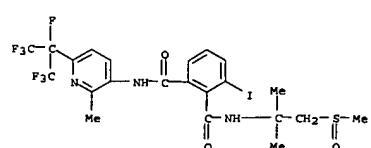
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317811-73-7 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



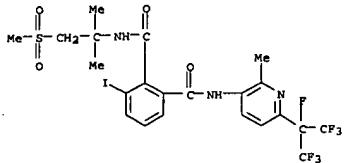
RN 317811-74-8 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



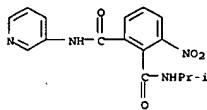
RN 317811-75-9 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-

9/04/2003

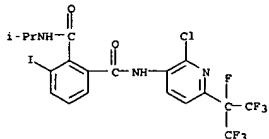
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 CN 1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-
 (9CI) (CA INDEX NAME)



RN 317811-76-0 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2-(1-methylethyl)-3-nitro-N1-3-pyridinyl-
 (9CI) (CA INDEX NAME)

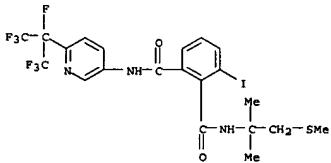


RN 317811-77-1 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-3-iodo-N2-(1-methylethyl)- (9CI)
 (CA INDEX NAME)

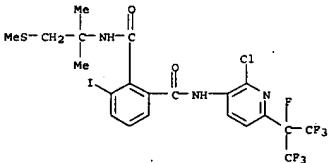


RN 317811-78-2 CAPLUS

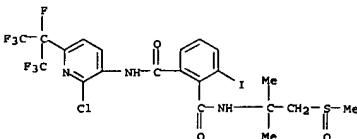
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317811-81-7 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

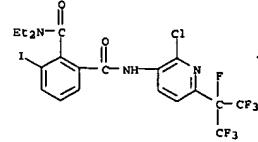


RN 317811-82-8 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

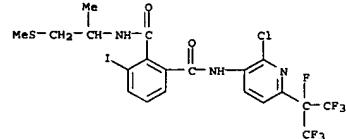


RN 317811-83-9 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-N2,N2-diethyl-3-iodo- (9CI) (CA INDEX NAME)

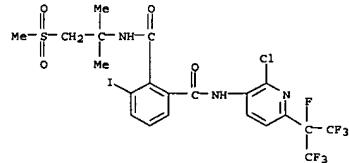


RN 317811-79-3 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-3-iodo-N2-(1-methyl-2-(methylthio)ethyl)- (9CI) (CA INDEX NAME)

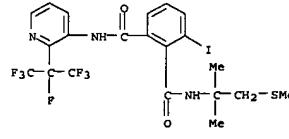


RN 317811-80-6 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI)
 (CA INDEX NAME)

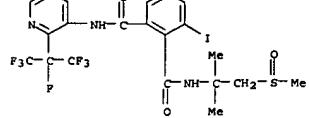
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317811-84-0 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI)
 (CA INDEX NAME)



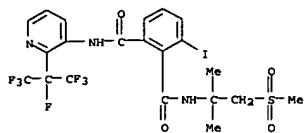
RN 317811-85-1 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-N1-[2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 317811-86-2 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-N1-[2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

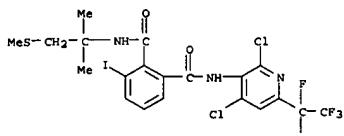
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

(Continued)



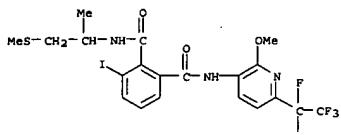
RN 317811-87-3 CAPLUS

CN 1,2-Benzeneddicarboxamide, N1-[2,4-dichloro-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)



RN 317811-88-4 CAPLUS

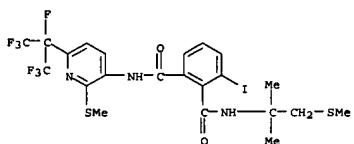
CN 1,2-Benzeneddicarboxamide, 3-iodo-N1-[2-methoxy-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-N2-[1-methyl-2-(methylthio)ethyl]- (9CI) (CA INDEX NAME)



RN 317811-89-5 CAPLUS

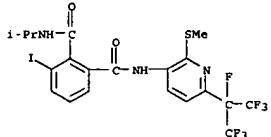
CN 1,2-Benzeneddicarboxamide, 3-iodo-N1-[2-methoxy-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



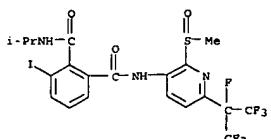
RN 317811-93-1 CAPLUS

CN 1,2-Benzeneddicarboxamide, 3-iodo-N2-(1-methylethyl)-N1-[2-(methylthio)-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 317811-94-2 CAPLUS

CN 1,2-Benzeneddicarboxamide, 3-iodo-N2-(1-methylethyl)-N1-[2-(methylsulfonyl)-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

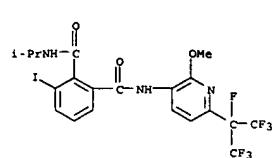


RN 317811-95-3 CAPLUS

CN 1,2-Benzeneddicarboxamide, N1-[6-(difluoromethoxy)-3-pyridinyl]-N2-(1,1-dimethyl-2-(methylthio)ethyl)-3-iodo- (9CI) (CA INDEX NAME)

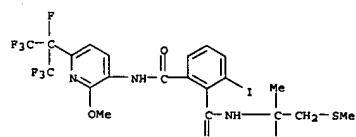
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

(Continued)



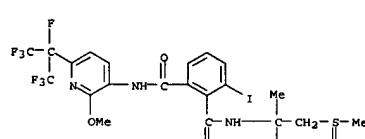
RN 317811-90-8 CAPLUS

CN 1,2-Benzeneddicarboxamide, N2-[1,1-dimethyl-2-(methylthioethyl)-3-iodo-N1-[2-methoxy-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 317811-91-9 CAPLUS

CN 1,2-Benzeneddicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[2-methoxy-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

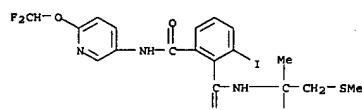


RN 317811-92-0 CAPLUS

CN 1,2-Benzeneddicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[2-(methylthio)-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

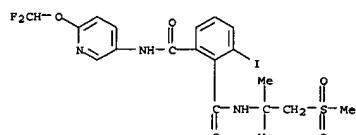
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



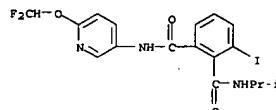
RN 317811-96-4 CAPLUS

CN 1,2-Benzeneddicarboxamide, N1-[6-(difluoromethoxy)-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo- (9CI) (CA INDEX NAME)



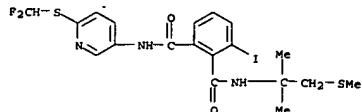
RN 317811-97-5 CAPLUS

CN 1,2-Benzeneddicarboxamide, N1-[6-(difluoromethoxy)-3-pyridinyl]-3-iodo-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 317811-98-6 CAPLUS

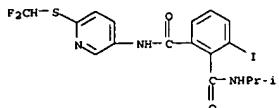
CN 1,2-Benzeneddicarboxamide, N1-[6-[(difluoromethyl)thio]-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)



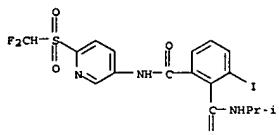
RN 317811-99-7 CAPLUS

9/04/2003

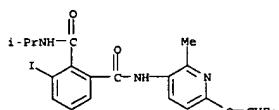
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
 CN 1,2-Benzenedicarboxamide,
 N1-[6-((difluoromethyl)thio)-3-pyridinyl]-3-iodo-
 N2-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 317812-00-3 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N1-[6-((difluoromethyl)thio)-3-pyridinyl]-3-iodo-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)

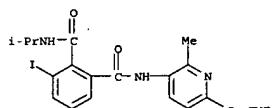


RN 317812-02-5 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N1-[6-((difluoromethoxy)-2-methyl-3-pyridinyl)-3-iodo-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)

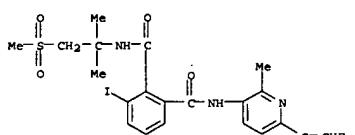


RN 317812-03-6 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N1-[6-((difluoromethoxy)-2-methyl-3-pyridinyl)-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

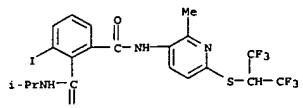
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-07-0 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[6-((difluoromethyl)thio)-2-methyl-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo- (9CI) (CA INDEX NAME)



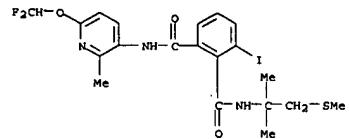
RN 317812-08-1 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 3-iodo-N2-(1-methylethyl)-N1-[2-methyl-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)



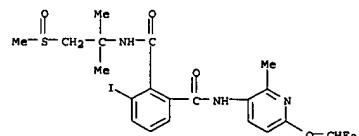
RN 317812-09-2 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[2-methyl-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)

(Continued)

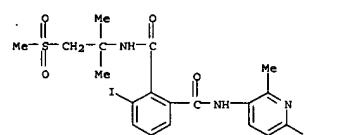
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-04-7 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N1-[6-((difluoromethoxy)-2-methyl-3-pyridinyl)-N2-[1,1-dimethyl-2-(methylsulfinyl)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

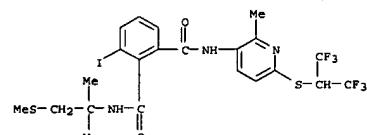


RN 317812-05-8 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N1-[6-((difluoromethoxy)-2-methyl-3-pyridinyl)-N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

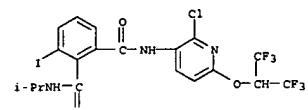


RN 317812-06-9 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[6-((difluoromethyl)thio)-2-methyl-3-pyridinyl]-3-iodo-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)

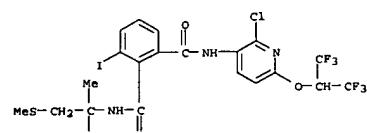
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



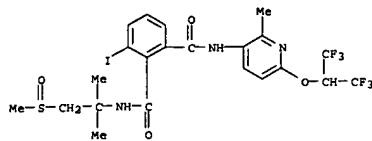
RN 317812-10-5 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]-3-iodo-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)



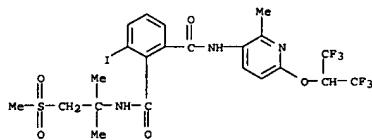
RN 317812-11-6 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)



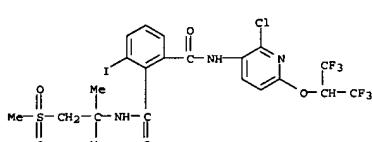
RN 317812-12-7 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N2-[1,1-dimethyl-2-(methylsulfinyl)ethyl]-3-iodo-N1-[2-methyl-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)



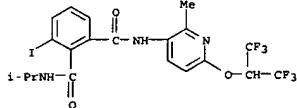
RN 317812-13-8 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-
 N1-(2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl)-
 (9CI) (CA INDEX NAME)



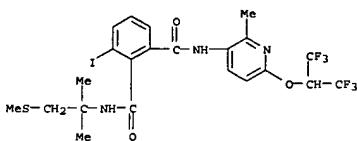
RN 317812-14-9 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-(2-chloro-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl)-N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo- (9CI) (CA INDEX NAME)



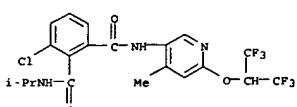
RN 317812-15-0 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-(2-methoxy-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl)-
 (9CI) (CA INDEX NAME)



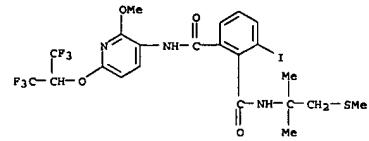
RN 317812-19-4 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-(2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl)-
 (9CI) (CA INDEX NAME)



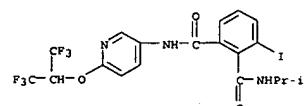
RN 317812-20-7 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-chloro-N2-(1-methylethyl)-N1-[4-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]-
 (9CI) (CA INDEX NAME)



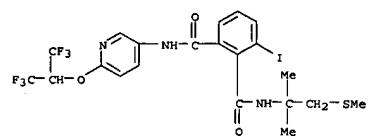
RN 317812-22-9 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 3-iodo-N2-(1-methylethyl)-N1-[4-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



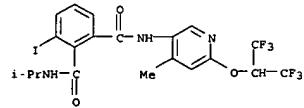
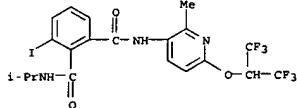
RN 317812-16-1 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 3-iodo-N2-(1-methylethyl)-N1-[6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



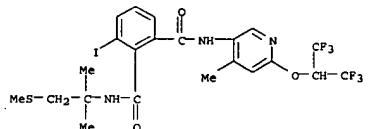
RN 317812-17-2 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



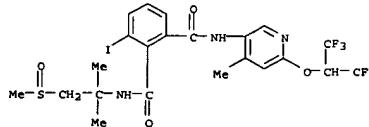
RN 317812-18-3 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 3-iodo-N2-(1-methylethyl)-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



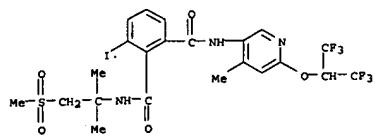
RN 317812-24-1 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[4-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



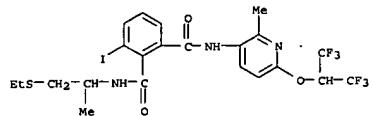
RN 317812-26-3 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-N1-[4-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



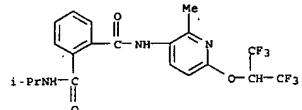
RN 317812-28-5 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-N1-[4-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



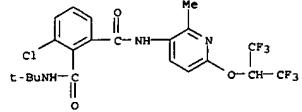
RN 317812-30-9 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[2-(ethylthio)-1-methylethyl]-3-iodo-N1-(2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl)- (9CI) (CA INDEX NAME)



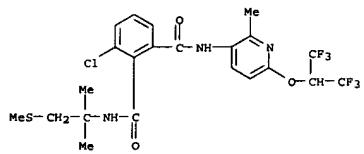
RN 317812-32-1 CAPLUS
 CN 1,2-Benzenedicarboxamide, N-(1-methylethyl)-N'-(3-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl)- (9CI) (CA INDEX NAME)



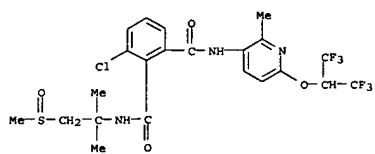
RN 317812-33-2 CAPLUS
 CN 1,2-Benzenedicarboxamide, N-(1,1-dimethylethyl)-N'-(2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl)- (9CI) (CA INDEX NAME)



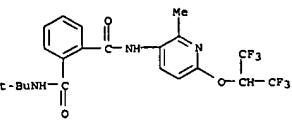
RN 317812-37-6 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-chloro-N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl)- (9CI) (CA INDEX NAME)



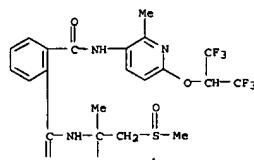
RN 317812-38-7 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-chloro-N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl)- (9CI) (CA INDEX NAME)



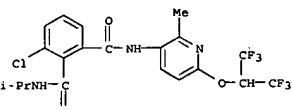
RN 317812-39-8 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-chloro-N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl)- (9CI) (CA INDEX NAME)



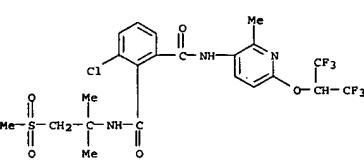
RN 317812-34-3 CAPLUS
 CN 1,2-Benzenedicarboxamide, N-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl)- (9CI) (CA INDEX NAME)



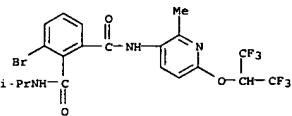
RN 317812-35-4 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-chloro-N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl)- (9CI) (CA INDEX NAME)



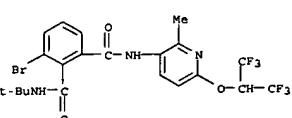
RN 317812-36-5 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-chloro-N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl)- (9CI) (CA INDEX NAME)



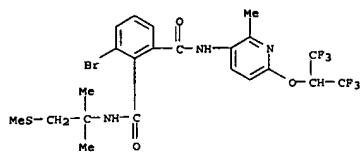
RN 317812-40-1 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-bromo-N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl)- (9CI) (CA INDEX NAME)



RN 317812-41-2 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-bromo-N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl)- (9CI) (CA INDEX NAME)

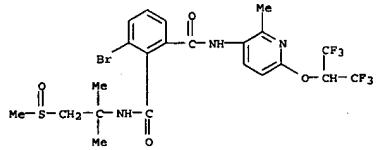


RN 317812-42-3 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-bromo-N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl)- (9CI) (CA INDEX NAME)



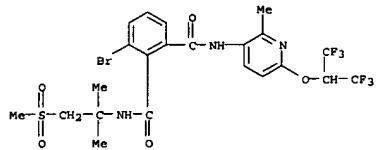
RN 317812-43-4 CAPLUS

CN 1,2-Benzenedicarboxamide, 3-bromo-N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)



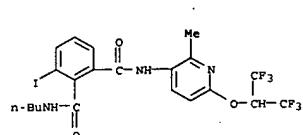
RN 317812-44-5 CAPLUS

CN 1,2-Benzenedicarboxamide, 3-bromo-N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)



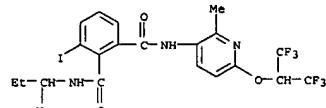
RN 317812-45-6 CAPLUS

CN 1,2-Benzenedicarboxamide, N2-butyl-3-iodo-N1-[2-methyl-6-[2,2,2-trifluoro-



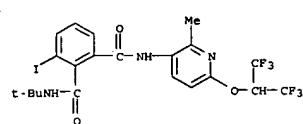
RN 317812-46-7 CAPLUS

CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methylpropyl)-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)



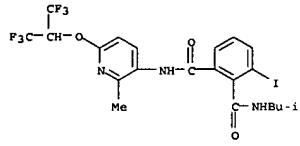
RN 317812-47-8 CAPLUS

CN 1,2-Benzenedicarboxamide, N2-(1,1-dimethylethyl)-3-iodo-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)



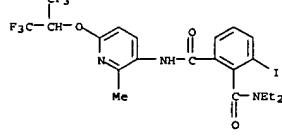
RN 317812-48-9 CAPLUS

CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(2-methylpropyl)-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)



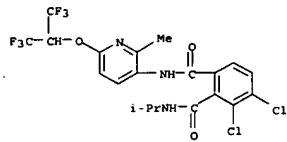
RN 317812-49-0 CAPLUS

CN 1,2-Benzenedicarboxamide, N2,N2-diethyl-3-iodo-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)



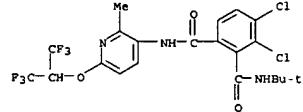
RN 317812-50-3 CAPLUS

CN 1,2-Benzenedicarboxamide, 3,4-dichloro-N2-(1-methylethyl)-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)



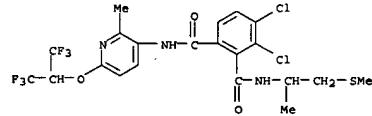
RN 317812-51-4 CAPLUS

CN 1,2-Benzenedicarboxamide, 3,4-dichloro-N2-(1,1-dimethylethyl)-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)



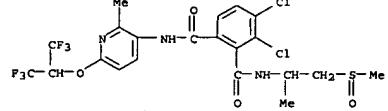
RN 317812-52-5 CAPLUS

CN 1,2-Benzenedicarboxamide, 3,4-dichloro-N2-(1-methyl-2-(methylthio)ethyl)-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)



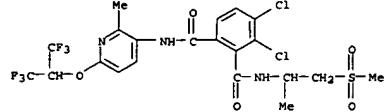
RN 317812-53-6 CAPLUS

CN 1,2-Benzenedicarboxamide, 3,4-dichloro-N2-(1-methyl-2-(methylthio)ethyl)-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

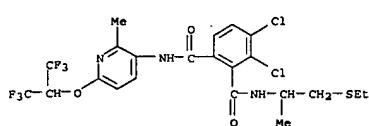


RN 317812-54-7 CAPLUS

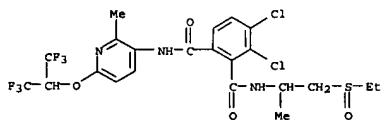
CN 1,2-Benzenedicarboxamide, 3,4-dichloro-N2-(1-methyl-2-(methylthio)ethyl)-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)



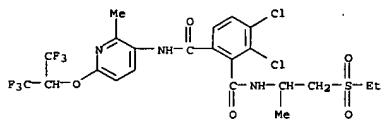
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 RN 317812-55-8 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 3,4-dichloro-N2-[2-(ethylthio)-1-methylethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 317812-56-9 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3,4-dichloro-N2-[2-(ethylsulfonyl)-1-methylethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

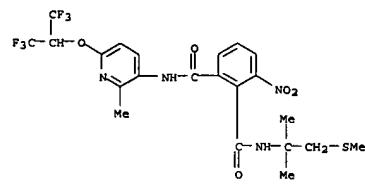


RN 317812-57-0 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3,4-dichloro-N2-[2-(ethylsulfonyl)-1-methylethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

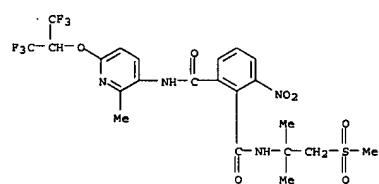


RN 317812-58-1 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]-3-nitro-

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 (9CI) (CA INDEX NAME)

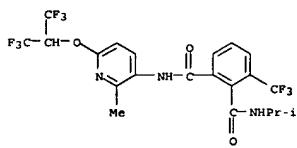


RN 317812-59-2 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]-3-nitro- (9CI) (CA INDEX NAME)

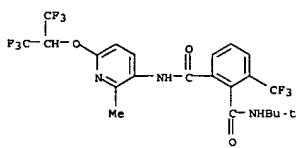


RN 317812-60-5 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-(1-methylethyl)-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

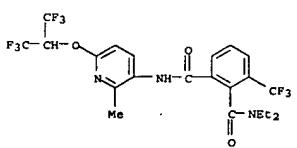
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-61-6 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-(1,1-dimethylethyl)-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

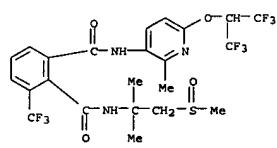


RN 317812-62-7 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N2,N2-dimethyl-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

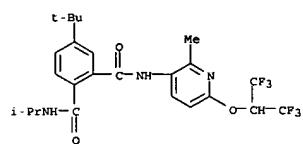


RN 317812-63-8 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

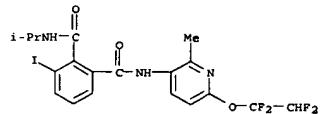
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-64-9 CAPLUS
 CN 1,2-Benzenedicarboxamide, 4-(1,1-dimethylethyl)-N1-(1-methylethyl)-N2-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



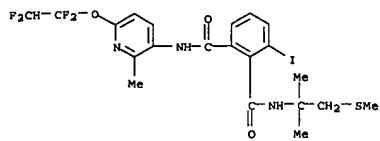
RN 317812-65-0 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methylethyl)-N1-[2-methyl-6-(1,1,2,2-tetrafluoroethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



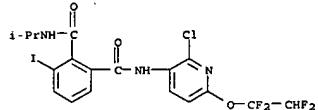
RN 317812-66-1 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N2-[1,1-dimethyl-2-(methylthioethyl)-3-iodo-N1-[2-methyl-6-(1,1,2,2-tetrafluoroethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

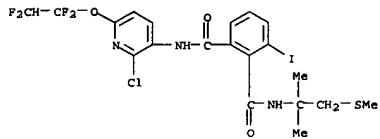
(Continued)



RN 317812-67-2 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-(1,1,2,2-tetrafluoroethoxy)-3-pyridinyl]-3-iodo-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)

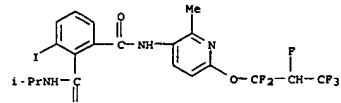


RN 317812-68-3 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-(1,1,2,2-tetrafluoroethoxy)-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

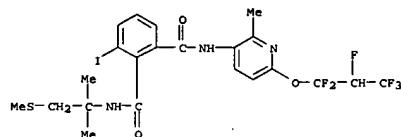


RN 317812-69-4 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[6-(1,1,2,3,3-hexafluoropropoxy)-2-methyl-3-pyridinyl]-3-iodo-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)

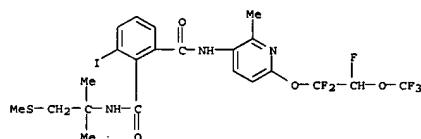
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-70-7 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-O-CF₂-CH-CF₃ (CA INDEX NAME)

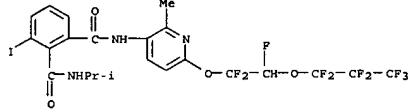


RN 317812-71-8 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-O-CF₂-CH-CF₃ (CA INDEX NAME)

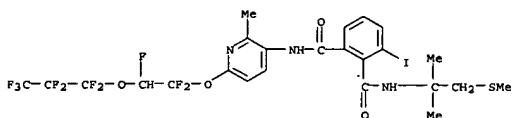


RN 317812-72-9 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-O-CF₂-CH-CF₃ (CA INDEX NAME)

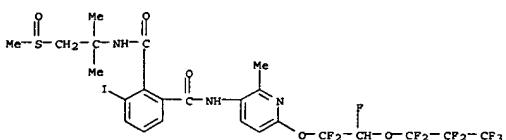
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-73-0 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-O-CF₂-CH-CF₃ (CA INDEX NAME)



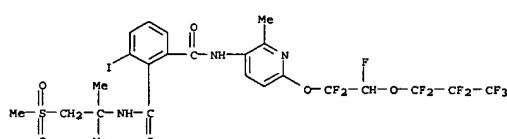
RN 317812-74-1 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-O-CF₂-CH-CF₃ (CA INDEX NAME)



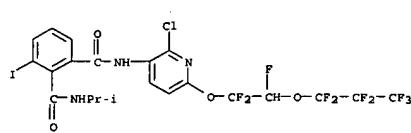
RN 317812-75-2 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-O-CF₂-CH-CF₃ (CA INDEX NAME)

N1-[2-methyl-6-(1,1,2-trifluoro-2-(heptafluoropropoxy)ethoxy)-3-pyridinyl]-3-iodo- (9CI) (CA INDEX NAME)

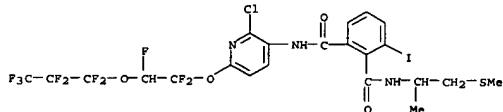
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



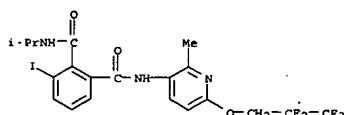
RN 317812-76-3 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-O-CF₂-CH-CF₃ (CA INDEX NAME)



RN 317812-77-4 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-O-CF₂-CH-CF₃ (CA INDEX NAME)

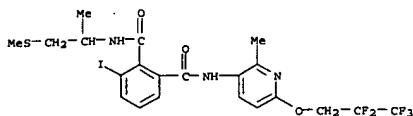


RN 317812-78-5 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-O-CF₂-CH-CF₃ (CA INDEX NAME)

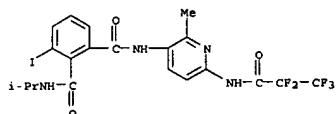


L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

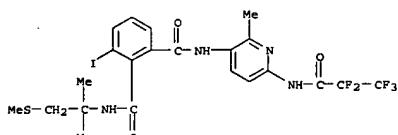
RN 317812-79-6 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-[1-methyl-2-(methylthio)ethyl]-N1-[2-methyl-6-(2,2,3,3,3-pentafluoropropoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 317812-80-9 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methylethyl)-N1-[2-methyl-6-((2,2,3,3,3-pentafluoro-1-oxopropyl)amino)-3-pyridinyl]- (9CI) (CA INDEX NAME)

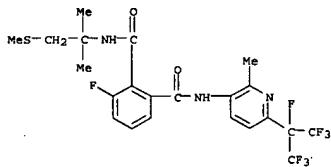


RN 317812-81-0 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 N2-(1,1-dimethyl-2-(methylthio)ethyl)-3-iodo-N1-[2-methyl-6-((2,2,3,3,3-pentafluoro-1-oxopropyl)amino)-3-pyridinyl]- (9CI) (CA INDEX NAME)

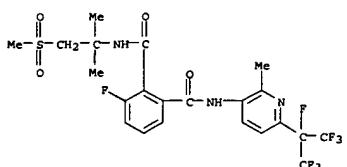


RN 317812-82-1 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-(6-chloro-2-methyl-3-pyridinyl)-N2-(1,1-

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 RN 317812-85-4 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-fluoro-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



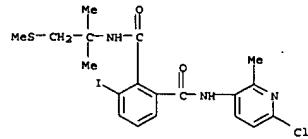
RN 317812-86-5 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-fluoro-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



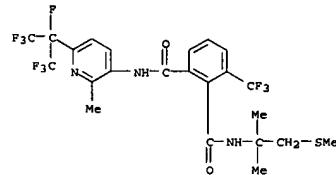
RN 317812-87-6 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 3-bromo-N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



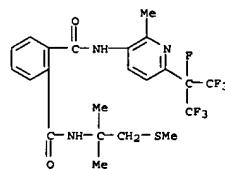
Habte

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 RN 317812-88-7 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-bromo-N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

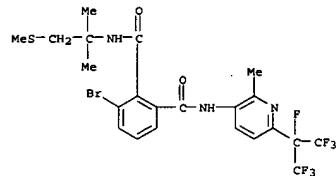
RN 317812-89-8 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-bromo-N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



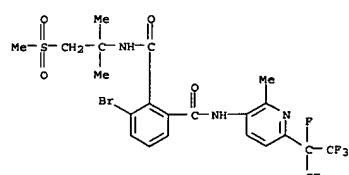
RN 317812-90-1 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-(1-methylethyl)-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-3-(trifluoromethyl)-



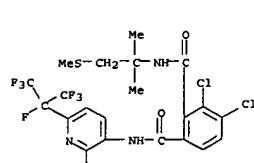
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-91-2 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-bromo-N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

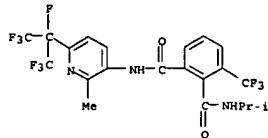


RN 317812-92-3 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-bromo-N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-3-(trifluoromethyl)-

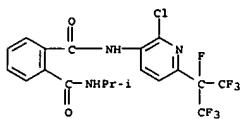


RN 317812-93-4 CAPLUS
 CN 1,2-Benzenedicarboxamide, N2-(1-methylethyl)-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-3-(trifluoromethyl)-

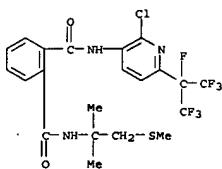
9/04/2003

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
(9CI) (CA INDEX NAME)

RN 317812-91-2 CAPLUS
 CN 1,2-Benzenedicarboxamide, N-[2-chloro-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)

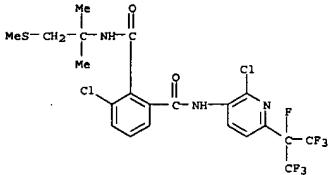


RN 317812-92-3 CAPLUS
 CN 1,2-Benzenedicarboxamide, N-[2-chloro-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-N'-(1,1-dimethyl-2-(methylthio)ethyl)- (9CI) (CA INDEX NAME)

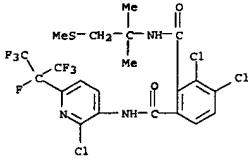


RN 317812-93-4 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-chloro-N1-[2-chloro-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 CN 1,2-Benzenedicarboxamide, 3-chloro-N1-[2-chloro-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-N2-(1,1-dimethyl-2-(methylthio)ethyl)- (9CI) (CA INDEX NAME)

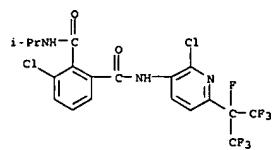


RN 317812-97-8 CAPLUS
 CN 1,2-Benzenedicarboxamide,
 3,4-dichloro-N1-[2-chloro-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-N2-(1,1-dimethyl-2-(methylthio)ethyl)- (9CI) (CA INDEX NAME)

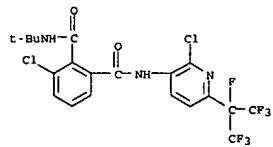


RN 317812-98-9 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-N2-(1,1-dimethyl-2-(methylthio)ethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

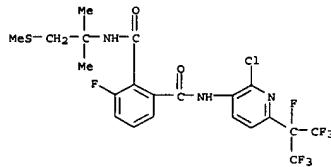
(Continued)

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
(NAME)

RN 317812-94-5 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-chloro-N1-[2-chloro-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-N2-(1,1-dimethylethyl)- (9CI) (CA INDEX NAME)

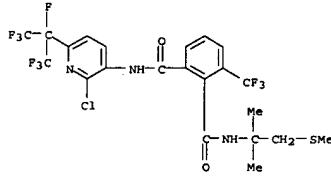


RN 317812-95-6 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-N2-(1,1-dimethyl-2-(methylthio)ethyl)-3-fluoro- (9CI) (CA INDEX NAME)

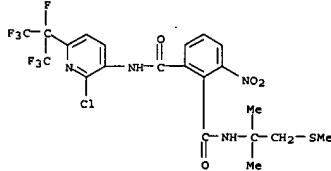


RN 317812-96-7 CAPLUS

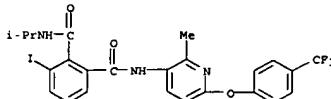
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-99-0 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-N2-(1,1-dimethyl-2-(methylthio)ethyl)-3-nitro- (9CI) (CA INDEX NAME)



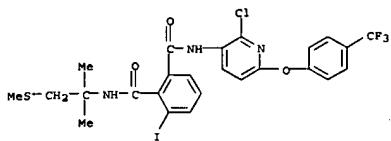
RN 317813-00-6 CAPLUS
 CN 1,2-Benzenedicarboxamide, 3-iodo-N1-[2-chloro-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-N2-(1,1-dimethyl-2-(methylthio)ethyl)-3-nitro- (9CI) (CA INDEX NAME)



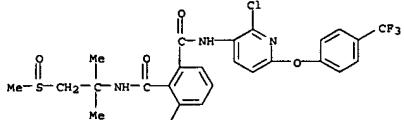
RN 317813-01-7 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-(4-(trifluoromethyl)phenoxy)-3-pyridinyl]-N2-(1,1-dimethyl-2-(methylthio)ethyl)-3-iodo- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

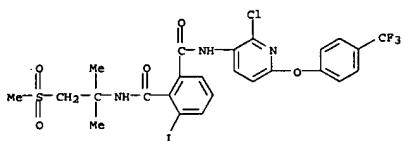
(Continued)



RN 317813-02-8 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[4-(trifluoromethyl)phenoxy]-3-pyridinyl]-N2-(1,1-dimethyl-2-(methylsulfinyl)ethyl)-3-iodo- (9CI) (CA INDEX NAME)



RN 317813-04-0 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[4-(trifluoromethyl)phenoxy]-3-pyridinyl]-N2-(1,1-dimethyl-2-(methylsulfonyl)ethyl)-3-iodo- (9CI) (CA INDEX NAME)



RN 317813-05-1 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]-3-pyridinyl]-N2-(1,1-dimethyl-2-(methylthio)ethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1999-11880 CAPLUS

DOCUMENT NUMBER: 130:153553

TITLE: Synthesis and analgesic activities of bifenanyl derivatives

AUTHOR(S): Wang, Pingyu; Li, Runtao; Cai, Menghe; School of Pharmaceutical Sciences, Beijing Medical University, Beijing, 100083, Peop. Rep. China

CORPORATE SOURCE: Yaoxue Xuebao (1998), 33(10): 737-740

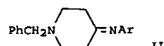
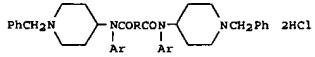
SOURCE: CODEN: YHHRD1; ISSN: 0513-4870

PUBLISHER: Chinese Academy of Medical Sciences, Institute of Materia Medica

DOCUMENT TYPE: Journal

LANGUAGE: Chinese

GI



AB Twenty title compds. I (R = (CH₂)₃, (CH₂)₈, (CH₂)₄, (Trans)-CH₂CH₂, 1,6,-C₆H₄, (CH₂)₆, etc.; Ar = C₆H₅, 4-MeOC₆H₄, 4-BrC₆H₄, 4-ClC₆H₄, 4-PhC₆H₄, etc.) were prepd. from ClCORCOCl and I₂ and their analgesic activities and the relationships between the structures and activities were tested. Compd. I (R = (CH₂)₃; Ar = C₆H₅; R = (CH₂)₃; Ar = 4-MeOC₆H₄) showed strong analgesic activities in preliminary pharmacol. tests.

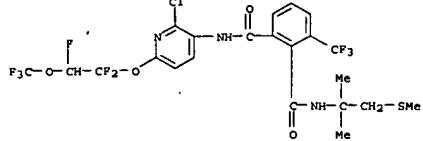
IT 220317-39-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PNPD (Preparation); SYN (Synthesis and analgesic activities of bifenanyl derivatives)

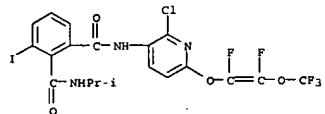
RN 220317-39-5 CAPLUS

CN 1,2-Benzenedicarboxamide, N,N'-bis[1-(phenylmethyl)-4-piperidinyl]-N,N'-di-3-pyridinyl-, dihydrochloride (9CI) (CA INDEX NAME)

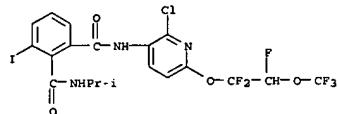
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317813-06-2 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[[1,2-difluoro-2-(trifluoromethoxy)ethenyl]oxy]-3-pyridinyl]-N2-(1-methylethyl)-3-iodo- (9CI) (CA INDEX NAME)

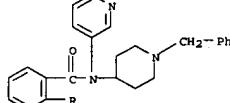


RN 317813-07-3 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]-3-pyridinyl]-N2-(1-methylethyl)-3-iodo- (9CI) (CA INDEX NAME)

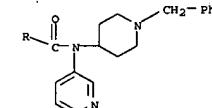


REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L4 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



●2 HCl

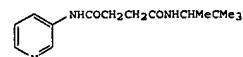


L4 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1985-6210 CAPLUS
 DOCUMENT NUMBER: 102:6210
 TITLE: Biscarboxamides for controlling illnesses
 INVENTOR(S): Rosentreter, Ulrich; Niemere, Ekkehard; Stegelmeier, Hartmut; Knorr, Andreas; Garthoff, Bernward
 PATENT ASSIGNEE(S): Bayer A.-G., Fed. Rep. Ger.
 SOURCE: Ger. Offen., 41 pp.
 CODEN: GWXXBX

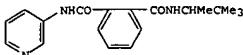
DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3305569	A1	19840823	DE 1983-3305569	19830218
EP 119428	A2	19840926	EP 1984-101205	19840207
EP 119428	A3	19850306		
R. AT. BE. DE. FR. GB. IT. LI. NL. SE				
ES 529686	A1	19850401	ES 1984-529686	19840213
JP 59163253	A2	19840914	JP 1984-24535	19840214
DK 8400766	A	19840819	DK 1984-766	19840217
ZA 8401183	A	19841031	ZA 1984-1183	19840217
ES 538151	A1	19851101	ES 1984-538151	19841130
PRIORITY APPLN. INFO.:			DE 1983-3305569	19830218
OTHER SOURCE(S):			CASREACT 102:6210	

GI



I



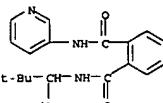
II

AB RNHCO₂CONHR₁ (R = aryl or 5-6-membered heteroaryl; R₁ = branched alkyl or cycloalkyl; Z = bond, alkylene, CH₂CH₂, cycloalkylene, heteroarylene, etc.) were prep. and shown to have antihypertensive activity. Thus, succinic anhydride was treated with Me₃CHNH₂, then MeSO₂Cl, and then 3-pyridinamine to give the diamide II. At 3 mg/kg II lowered the blood pressure in spontaneously hypertensive rats by 15 mm Hg.

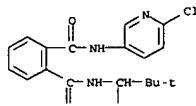
IT 93700-07-3P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

L4 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 (prepn. and antihypertensive activity of)
 RN 93700-07-3 CAPLUS
 CN 1,2-Benzenedicarboxamide, N-3-pyridinyl-N'-(1,2,2-trimethylpropyl)- (9CI)
 (CA INDEX NAME)



IT 93700-12-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 93700-12-0 CAPLUS
 CN 1,2-Benzenedicarboxamide, N-(6-chloro-3-pyridinyl)-N'-(1,2,2-trimethylpropyl)- (9CI) (CA INDEX NAME)

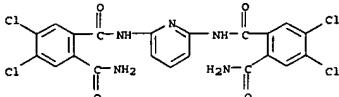


analyse

L4 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1975-18622 CAPLUS
 DOCUMENT NUMBER: 82:18622
 TITLE: Isoindolone pigments
 INVENTOR(S): Ando, Hirohito; Tagaki, Kunihiko
 PATENT ASSIGNEE(S): Dainippon Ink and Chemicals, Inc.
 SOURCE: Ger., 9 pp.
 CODEN: GWXXBX

DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE
 DE 2321511 B1 19740725 DE 1973-2321511 19730427
 DE 2321511 C2 19770113
 PRIORITY APPLN. INFO.: DE 1973-2321511 19730427
 GI For diagram(s), see printed CA issue.
 AB Orange to red isoindolone pigments (I, Z = p-C₆H₄, p-C₆H₄C₆H₄-p, 3,3'-dimethoxy-p-biphenylene, 2-methyl-1,3-phenylene, 2,6-pyridinediyl; 3,3'-dimethyl-p-biphenylene; R, R₁ = H, Cl, Br, F) were prep. by cyclization of N,N'-arylenebisphthalimides. Thus, N,N'-(p-phenylene)bis(3,4,5,6-tetrachlorophthalimide) (53562-99-5) was heated with PC15 in C₆H₃Cl₃ at 70-80.degree. for 3 hrs to give isoindolone pigment I (R=Cl, Z=p-C₆H₄) (5590-18-1). Eight other I were similarly prep'd.
 IT 53563-05-6
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with phosphorus pentabromide, ring closure in)
 RN 53563-05-6 CAPLUS
 CN 1,2-Benzenedicarboxamide, N,N'-2,6-pyridinediylbis[4,5-dichloro- (9CI) (CA INDEX NAME)

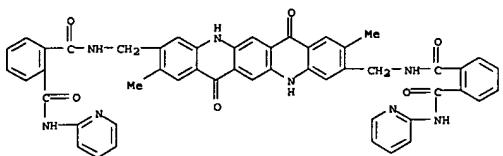


L4 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1970:504338 CAPLUS
 DOCUMENT NUMBER: 73:104338
 TITLE: Electrophotographic plate
 INVENTOR(S): Weinberger, Lester
 PATENT ASSIGNEE(S): Rank-Xerox Ltd.
 SOURCE: Ger. Offen., 21 pp.
 CODEN: GWXXBX

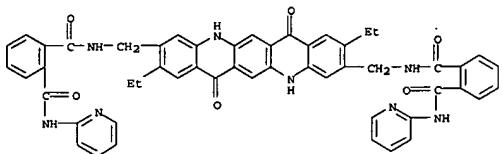
DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE
 DE 1942700 19700226
 FR 2016183 FR
 GB 1278702 GB
 US 3667943 19720000 US 19680822
 PRIORITY APPLN. INFO.: US 19680822
 GI For diagram(s), see printed CA issue.
 AB Photoconductive insulating layers are prep'd. with dispersions of resin binder (I) and quinacridone pigment II, where R is Me, Et, OMe, OEt, or halogen and R₁ is an aromatic, alicyclic or aliphatic group. The wt. ratio of II/I, required to attain satisfactory plate sensitivities is 1:4 to 1:10, and the mech. properties of the plate are, therefore, those of the binder. Because of their hard and smooth surfaces, these plates are superior to plates employing inorg. pigments, at necessarily higher levels. Suitable resin binders such as polyethylene have resistance >10² ohm/cm. The thickness of the quinacridone-binder films, if supported by a substrate, is 5-30 .mu.m. (15-75 .mu.m. without support) and protective overcoat (nitrocellulose lacquer) should not exceed 1/4 of the thickness of the photoconductive layer. Thus, an electrophotographic plate was prep'd. by ball milling 6 parts Pliolite 55B (styrene/butadiene copolymer) with 1 part xylene and 1 part II (R = 2-pyridyl, R₁ = Me). The resulting homogeneous dispersion was coated (5 mils) on Al foil, dried (2 hr, 100.degree. air), charged (650 V corona discharge), exposed (15 sec, W lamp, color temp. 3400.degree.K) in contact with a film positive, and developed (cascade development using pigmented particles). Electromagnetic transfer of the powder image from the plate to a receiving sheet and melting by applied heat resulted in an image of good quality.
 IT 27873-66-1 29518-48-7 29518-49-8
 29518-50-1 29544-03-4
 RL: USES (Uses)
 (photoconductive insulating layers contg., for electrophotography)
 RN 27873-66-1 CAPLUS
 CN Phthalimide,
 N,N'-(5,7,12,14-tetrahydro-2,9-dimethyl-7,14-dioxoquino[2,3-b]acridine-3,10-diyl)dimethylene)bis[N'-2-pyridyl- (8CI) (CA INDEX NAME)

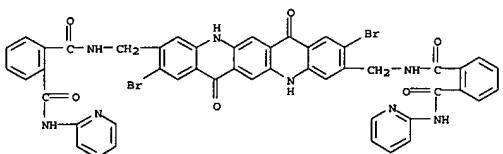
L4 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



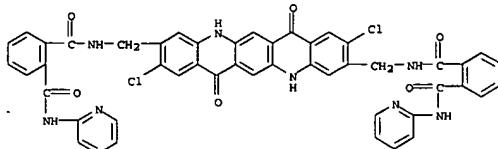
RN 29518-48-7 CAPLUS
 CN Phthalamide,
 N,N'-(2,9-dimethyl-5,7,12,14-tetrahydro-7,14-dioxoquino[2,3-b]acridine-3,10-diyl)dimethylenebis[N'-2-pyridyl- (8CI) (CA INDEX NAME)



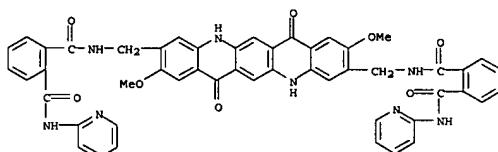
RN 29518-49-8 CAPLUS
 CN Phthalamide,
 N,N'-(2,9-dibromo-5,7,12,14-tetrahydro-7,14-dioxoquino[2,3-b]acridine-3,10-diyl)dimethylenebis[N'-2-pyridyl- (8CI) (CA INDEX NAME)



RN 29518-50-1 CAPLUS
 CN Phthalamide,
 N,N'-(2,9-dichloro-5,7,12,14-tetrahydro-7,14-dioxoquino[2,3-

L4 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 blacridine-3,10-diyl)dimethylenebis[N'-2-pyridyl- (8CI) (CA INDEX NAME)

RN 29544-03-4 CAPLUS
 CN Phthalamide, N,N'-(5,7,12,14-tetrahydro-2,9-dimethoxy-7,14-dioxoquino[2,3-b]acridine-3,10-diyl)dimethylenebis[N'-2-pyridyl- (8CI) (CA INDEX NAME)

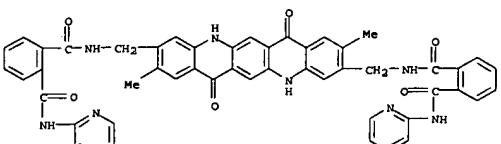


L4 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1970-446698 CAPLUS
 DOCUMENT NUMBER: 73:46598
 TITLE: Quinacridone pigments
 INVENTOR(S): Weinberger, Lester
 PATENT ASSIGNEE(S): Xerox Corp.
 SOURCE: Ger. Offen., 21 pp.

DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 1942699	A	19700226	DE 1969-1942699	19690821
DE 1942699	B2	19740228		
DE 1942699	C3	19741003		
CA 943548	A1	19740312	CA 1969-47002	19690327
BR 6909985	A0	19730412	BR 1969-209985	19690820
FR 2017174	A5	19700522	FR 1969-28208	19690818
GB 1272608	A	19720503	GB 1969-1272608	19690820
BE 737811	A	19700223	BE 1969-737811	19690821
NL 6912735	A	19700224	NL 1969-12735	19690821
AT 294994	B	19711210	AT 1969-8044	19690821
ES 370719	A1	19720216	ES 1969-370719	19690821
AT 300555	B	19720725	AT 1970-6749	19690821
SE 347985	B	19720821	SE 1969-11634	19690821
SE 356381	B	19730521	SE 1971-14759	19690821
CH 552665	A	19740815	CH 1969-12657	19690821
US 3705901	A	19721212	US 1971-129078	19710329
US 392799	A1	19730816	ES 1971-392799	19710701
US 3753708	A	19730821	US 1972-243521	19720410
PRIORITY APPLN. INFO.:			US 1968-754634	19680822
			US 1971-129078	19710329

GI For diagram(s), see printed CA Issue.
 AB 1 (R = 2-pyridylamino), useful for photoelectroscopy was prep'd. by condensing 2-aminopyridine with I (R = Cl) (prep'd. from I (R = OH) and SOC12).
 IT 27873-66-1P
 RL IMP (Industrial manufacture); PREP (Preparation)
 (prep'n, of)
 RN 27873-66-1 CAPLUS
 CN Phthalamide,
 N,N'-(5,7,12,14-tetrahydro-2,9-dimethyl-7,14-dioxoquino[2,3-b]acridine-3,10-diyl)dimethylenebis[N'-2-pyridyl- (8CI) (CA INDEX NAME)



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9/04/2003

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	59.39	207.75
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-8.46	-8.46

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